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ARRT Registry Actual Exam Questions and 100% Correct Verified Answers| 200 Q & A| 2023/2024 Newly Updated

QUESTION
Between which two lumbar vertebrae is a zygapophyseal joint that forms an average angle of 15 degrees with the midsagittal plane?

Answer:
L1/L2

QUESTION
Which anatomy should be included for an anteroposterior (AP) pelvis?

Answer:
Entire pelvis and proximal femora

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QUESTION
Which are shown in the lateral projection of the cervical vertebrae? Select all that apply.
1 Articular pillars
2 Spinous processes
3 Upper thoracic bodies
4 Cervical intervertebral disk spaces
5 Superimposed transverse and articular processes

Answer:
1, 2, and 4

QUESTION
Which vertebrae are movable vertebrae?

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Answer:
cervical
thoracic
lumbar

QUESTION
Describe the general central ray orientation to the femur for an axiolateral projection of the hip.

Answer:
Perpendicular to the femoral neck

QUESTION
Which are characteristics of cervical vertebrae?

Answer:
-Vertebrae contains dens.
-Vertebrae contains three foramina.
-More dominant articular pillars are present.

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QUESTION
An imaginary line is drawn between the anterior superior iliac spine (ASIS) and the symphysis pubis. How should the radiographer use this line to localize the central ray location for an anteroposterior (AP) projection of a unilateral hip projection?

Answer:
2.5 inches distal to the midpoint of this line

QUESTION
Which position helps prevent the contrast medium from moving into the cerebral ventricles during myelography?

Answer:
Acute extension of the head

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QUESTION
How can the radiographer reduce the radiation dose to a female patient during a scoliosis series?

Answer:
-Use breast shadow shields
-Use gonadal shadow shields
-Expose the patient in the posteroanterior (PA) position

QUESTION
Which structures can be best demonstrated in an anteroposterior (AP) bilateral frog-leg pelvic projection? Select all that apply.

Answer:
-Acetabulum
-Femoral neck
-Femoral head
-Trochanteric areas

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QUESTION
Which structure, if present, indicates the patient was positioned incorrectly for a lateral thoracic spine?

Answer:
Zygapophyseal joints

QUESTION
How would the radiographer locate the hip joint without making the patient feel uncomfortable?

Answer:
Palpate anterior superior iliac spine and 1.5 inches inferiorly and medially.

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QUESTION
Which are positioning considerations for the open mouth anteroposterior (AP) projection cervical vertebra of the spine? Select all that apply.

Answer:
-Ensure the head is not rotated.
-The mouth should be kept wide open.
-Align the midsagittal plane to the midline of the table

QUESTION
Which term refers to freely movable joints?

Answer:
Diarthrodial

QUESTION
Which statements apply to the male pelvis?

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Answer:
The ilia appear less flared.

The pubic arch forms an acute angle.

The pelvis appears narrow and deep.

The shape of the inlet of the pelvis is heart shaped.

QUESTION
Which radiographic procedure is contraindicated in a patient who has increased intracranial pressure?

Answer:
Myelography

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